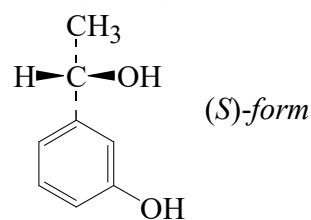




>>Entry Name: 1-(3-Hydroxyphenyl)ethanol

Synonym(s): 3-Hydroxy- α -methylbenzenemethanol, 9CI. *m*-Hydroxy- α -methylbenzyl alcohol, 8CI. 3-(1-Hydroxyethyl)phenol



CAS Registry Number: 2415-09-0

Related CAS Registry Numbers(s): 23308-82-9 120523-12-8 129940-69-8

Molecular Formula: C₈H₁₀O₂

Molecular Weight: 138.166

Accurate Mass: 138.06808

Percentage Composition: C 69.55%; H 7.29%; O 23.16%

>>Variant: (S)-form

Molecular Formula: C₈H₁₀O₂

Molecular Weight: 138.166

Accurate Mass: 138.06808

Percentage Composition: C 69.55%; H 7.29%; O 23.16%

>>Derivative: Me ether

Molecular Formula: C₉H₁₂O₂

Molecular Weight: 152.193

Accurate Mass: 152.08373

Percentage Composition: C 71.03%; H 7.95%; O 21.03%

Optical Rotation: $[\alpha]_D^{25} -32$ (c, 1.14 in MeOH) (96% ee)

>>Variant: (±)-form

Molecular Formula: C₈H₁₀O₂

Molecular Weight: 138.166

Accurate Mass: 138.06808

Percentage Composition: C 69.55%; H 7.29%; O 23.16%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 96°. Mp 118°

>>Derivative: Di-Ac

CAS Registry Number: 68688-63-1

Molecular Formula: C₁₂H₁₄O₄

Molecular Weight: 222.24

Accurate Mass: 222.08921

Percentage Composition: C 64.85%; H 6.35%; O 28.80%

Boiling Point: Bp_{0.6} 108°

Refractive Index: n_D²⁰ 1.4964

>>Derivative: 3'-Me ether

Synonym(s): 1-(3-Methoxyphenyl)ethanol

CAS Registry Number: 89691-63-4

Molecular Formula: C₉H₁₂O₂

Molecular Weight: 152.193

Accurate Mass: 152.08373

Percentage Composition: C 71.03%; H 7.95%; O 21.03%

Boiling Point: Bp₁ 103-103.5°

Other Data: Has been resolved

References: